

AMENDMENT TO THE SPECIFICATION

Please amend Paragraph numbers 2, 18, and 23 as follows:

[0002] Low power AM and low power FM radio stations have been used for years to serve a variety of user needs, both private and public. Such radio stations are sometimes referred to as Highway Advisory Radios ("HAR"), Traveler Information Stations, Lower Power FM stations, Community Radio Stations, and Emergency Radio Stations, just to name a few. Such radio stations are sometimes deployed along highways, in state and national parks, at airports, on military bases, or within municipalities. Today, operating licenses for such stations are regulated by the FCC and/or the NTIA, and equipment certifications for the transmitters for these stations are regulated by the FCC

[0018] Turning now to the system level diagram Fig. 2, the plurality of radio stations 106 are distributed in predetermined regions to cover a plurality of regions ~~204~~202 according ~~the~~to one aspect of the present invention. The central computer 106 and/or radio stations 106 are also adapted to receive signals from a satellite system, such as a global positioning satellite system having a plurality of satellites ~~206~~204.

[0023] Turning now to Fig. 3, a block diagram of system for controlling a radio station according to an embodiment of the present invention is shown. In particular, a central computer 302 is coupled by a communication channel 304 by way of a public telephone service, such as a public switched telephone network, to a plurality of radio stations 306. The central computer could be, for example, a stand alone PC or server running on any network. Although the embodiments of the present invention are described in reference to a plurality of radio stations, the systems and methods of the present invention could be employed with a single radio station. The communication channel could provide DTMF control signals or digital serial control signals to the plurality of radio stations 306. According to one aspect of the invention, a feedback loop 308 enables feedback signals to be provided to the central computer, as described in more detail in reference to Fig. 5. According to an alternate embodiment according to the present invention in Fig. 4, a central computer 402 is coupled by a communication channel 404 by way of a high speed digital network 404 providing digital serial control signals to a plurality of radio stations. The operation of the radio stations will be described in more detail in reference to Fig. 6.